

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

JAN VAN SINDEREN

NL 000387

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

Title: AGC CIRCUIT

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows, where marked-up versions of the amended claims 3, 4, 5, 6, 7 and 8 are attached as Appendix A:

IN THE CLAIMS

Please amend the claims as follows:

1 3. (Amended) AGC circuit according to claim 1, characterized in
2 that the threshold circuit comprises first and second comparators
3 for comparing the output signal of the level detector with positive
4 and negative threshold levels around a zero level for initiating
5 the digital gain control signal generator for a stepwise variation
6 of the gain of the digitally controlled amplifier.

1 4. (Amended) AGC circuit according to claim 1, characterized in
2 that the digital gain control signal generator comprises a pulse
3 generator coupled to a clock-signal input of a digital counter for
4 supplying a clock-signal thereto, the threshold circuit including a
5 third comparator for comparing the output signal of the level
6 detector with a zero level, an output of the third comparator being
7 coupled to an up/down input of the counter.